| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|--------|---|---|---------------------|---------|------------------|
| L1 | 26 | (73/152.27).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/05 14:32 |
| S1 | 2 | "782006".ap. | US-PGPUB | OR | ON | 2005/12/02 05:18 |
| S5 | 16 | US-3321965-\$.DID. OR US-4287946-\$.DID. OR US-4416152-\$.DID. OR US-4483187-\$.DID. OR US-4745802-\$.DID. OR US-4860580-\$.DID. OR US-4951749-\$.DID. OR US-5233866-\$.DID. OR US-5587525-\$.DID. OR US-5644076-\$.DID. OR US-5703286-\$.DID. OR US-5708204-\$.DID. OR US-5803186-\$.DID. OR US-6047239-\$.DID. OR | USPAT | OR | ON | 2005/12/05 13:21 |
| S6 | 62 | (73/152.24).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/05 14:32 |
| S7 | 4592 | (73/152.01-152.62).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/01 12:08 |
| S8 | 52536 | ("166").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/01 12:08 |
| S9 | 134096 | ("250").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/01 12:49 |
| S10 | 7 | (S6) and drawdown and piston and (volume pressure flow) with (((rate speed velocity) near2 (change alter increase decrease slow)) (accelerate acceleration)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/01 12:54 |

| S11 | 116 | (S7) and piston and (volume pressure flow draw adj rate) with (((rate speed velocity) near2 (step change alter increase decrease slow)) (accelerate acceleration decelerate deceleration)) not S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/01 12:58 |
|-----|-----|--|---|----|----|------------------|
| S12 | 1 | (S7) and piston and (draw adj rate) with (((rate speed velocity) near2 (step change alter increase decrease slow)) (accelerate acceleration decelerate deceleration)) not S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/05 09:56 |
| S13 | 5 | (S8 S9) and piston and (draw adj rate) with (((rate speed velocity) near2 (step change alter increase decrease slow)) (accelerate acceleration decelerate deceleration)) not S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/01 12:58 |
| S14 | 739 | (S8 S9) and piston and (volume pressure flow) with (((rate speed velocity) near2 (step change alter increase decrease slow)) (accelerate acceleration decelerate deceleration)) not S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/01 13:35 |
| S15 | 451 | (S8 S9) and piston and (flow) with (((rate speed velocity) near2 (step change alter increase decrease slow)) (accelerate acceleration decelerate deceleration)) not S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/01 13:37 |
| S16 | 34 | (S8 S9) and formation adj (testing parameter) and piston and (flow) with (((rate speed velocity) near2 (step change alter increase decrease slow)) (accelerate acceleration decelerate deceleration)) not S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/01 13:59 |
| S17 | 2 | "423420".ap. | US-PGPUB | OR | ON | 2005/12/01 13:59 |
| S18 | 8 | US-4890487-\$.DID. OR US-4803873-\$.DID. OR US-5789669-\$.DID. OR US-6427530-\$.DID. OR US-6474152-\$.DID. OR US-5602334-\$.DID. OR US-5644076-\$.DID. OR US-6761062-\$.DID. | USPAT | OR | ON | 2005/12/01 13:59 |
| S19 | 1 | "20030094040" | US-PGPUB | OR | ON | 2005/12/01 14:01 |
| S20 | 8 | "6832515" "20050087009" "20040045706" "20040231408" | US-PGPUB; USPAT | OR | ON | 2005/12/01 14:01 |
| S21 | 1 | "917173".ap. | US-PGPUB | OR | ON | 2005/12/02 05:21 |
| S22 | 1 | "505006".ap. | US-PGPUB | OR | ON | 2005/12/02 05:21 |

| S23 | 62 | (73/152.24).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/05 09:56 |
|------|--------|---|---|----|-----|------------------|
| S24 | 4592 | (73/152.01-152.62).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/05 09:56 |
| S25 | 3 | (S24) and piston and (draw adj rate) same (((rate speed velocity) near2 (step change alter increase decrease slow)) (accelerate acceleration decelerate deceleration)) not S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/05 09:57 |
| S26 | 3 | (S24) and (draw adj rate) same (((rate speed velocity) with (step change alter increase decrease slow)) (accelerate acceleration decelerate deceleration)) not S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/05 09:58 |
| S27 | 52536 | ("166").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/05 09:58 |
| S28 | 134096 | ("250").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/05 09:58 |
| S29 | 9 | (S27 S28) and (draw adj rate) same (((rate speed velocity) with (step change alter increase decrease slow)) (accelerate acceleration decelerate deceleration)) not S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/05 09:58 |
| \$30 | 13 | ("4287946" "4416152" "4483187" "4745802" "4860580" "4951749" "5233866" "5587525" "5644076" "5703286" "5708204" "5803186" "6047239").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/05 10:03 |
| S31 | 5 | ("6568487").URPN. | USPAT | OR | ON | 2005/12/05 10:08 |
| S32 | 2 | US-5329811-\$.DID. OR US-6843118-\$.DID. | USPAT | OR | ON | 2005/12/05 13:22 |